

Project Title : Organic Wine-Grape Growing and Wine Production in the Trache Region

Start /End Date : 2001-2007

Supporting Body : GDAR

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Summary : The study was conducted in a 40 ha-vineyard of a company in Silivri District of Istanbul Province. Cabernet Sauvignon and Merlot red wine varieties were grafted on Kober 5BB American rootstocks established at 2.75x1.5 m intervals, whereas the white wine variety namely 0376 Clone numbered Sauvignon Blanc was grafted on SO4 rootstock obtained from clone studies at same intervals. In the course of the study, leaf samples were sent to the Institute, once a month. Population densities of grape pests have been monitored to decide the necessity and timing of control. Additionally, no damage from *Lobesia botrana* has been found on bunches during vegetation and at harvest, despite the presence of the pest in Tekirdag, the neighbor Province. It can be resourced from short history of the establishment and unavailability of neighbor vineyards around the experiment vineyard. Thrips, Grape Leafhoppers, Two spotted spider mites and Grape erineum mite have been found during leaf counts in 2004. However, only the population density of Grape erineum mite exceeded the economical threshold level, whereas population densities of other pests were under the threshold. Population densities of beneficial insects were quite low. Only predatory mites, one Coccinellidae egg and spiders were found in a limited number in 2004 and 2006.